

ADDITIONAL SHEET

CCR# 05-0027

Rev:

Originator: Willard Selph.

Telephone: 301-925-0368

Office: 3109D

Title of Change: Release of TE_7_02_DMS_DPL.02A to all DAACs for Installation

CSG

Please make tar files from the REL702PTE baseline with the following packages:

SOL8

.EcDmINTFCSR.V.pkg

IRIX65

.EcDI Database.pkg

Please label the tarfile: **TE_7.02_DMS_DPL.02A**

This software delivery contains solutions for the following NCRs:

NCR Number	Subsystem	Sev	State	Site	Description
ECSed41520	OPS_DBDM	2	T	LaRC	LaRC deadlock on MISR browse query from DP to SDSRV
ECSed41671	OPS_DPool	2	T	GSFC	GSFC/SMC: ProcIsNonEcsGranuleInDataP ool table scans DIFile slows
ECSed41723	OPS_DMS	1	T	EDC	OPS:REL7.02P1: EcDmV0ToEcsGateway Virtual Size Growing Too Fast
ECSed41838	OPS_DMS	2	T	NSIDC	V0Gateway coring while getting subset options from registry

INSTALLATION:

The following provides the installation and configuration procedures to install TE_7.02_DMS_DPL.02A. This TE supercedes TE_7.02_DMS_DPL.01.

PATCH/TE DEPENDENCIES:

The mode must contain "ECS installed Custom Code" at a minimum of Release 7.02

Patch_7.02_DPL_OMS.01

Patch_7.02_DPL_MIGRATION.04

Patch 7.02_DPL_HEG.01C

Patch 7.02_OMS.01C

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Patch_7.02_DPL_OMS.02B

PRE-INSTALL:

1. Create a staging area for TE_7.02_DMS_DPL.02A
2. Copy the tar file into the <staging_area>/SOL8/ directory
3. Using the setup.ksh file, untar the TE_7.02_DMS_DPL.02A tar file in the
<staging_area>/SOL8/ directory
4. Using the setup.ksh file, untar the TE_7.02_DMS_DPL.02A tar file in the
<staging_area>/IRIX65/ directory
5. cd <staging_area>/IRIX65/CUSTOM/dbms
6. chmod -R 775 *

INSTALL:

1. On any SUN host bring up E.A.S.I and select "Full" for install type.
2. Install the delivered packages.

CONFIGURATION:

There are no configurations changes to be made.

DATABASE UPDATES:

DataPool Database

Important Database Patch Note

Below, the database patch instructions have been divided into **Part A** and **Part B**. If TE_7.02_DMS_DPL.01 has already been installed, then follow the instructions in both **Part A** and **Part B**. If TE_7.02_DMS_DPL.01 hasn't been installed, then skip **Part A**. This approach is being taken because TE_7.02_DMS_DPL.01 didn't deliver DB Patch 7626 as expected.

Part A

If TE_7.02_DMS_DPL.01 has already been installed, then this section (**Part A**) must be followed in order to bring the DataPool database to the proper Patch level in preparation for the Part B instructions which will follow. The DataPool database needs to be rolled back to Patch #7625. Immediately following are the DB rollback instructions. User keystrokes are in bold:

1. Log into the proper DataPool Db using "isql".
isql -Udpl_role -Sxxacgmn_srvr

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[where `xxacgnn_srvr` is the DataPool Sybase server]

[enter the password for `dpl_role` when prompted]

```
use DataPool[_MODE]
```

```
go
```

["_MODE" defines the database/mode being patched. Generally it will be Null for OPS mode, "_TS1" for TS1 mode and "_TS2" for TS2 mode.]

```
delete EcDbDatabaseVersions
```

```
where EcDbSchemaVersionId = 7629
```

```
go
```

```
delete EcDbDatabaseVersions
```

```
where EcDbSchemaVersionId = 7627
```

```
go
```

```
update EcDbDatabaseVersions
```

```
set EcDbCurrentVersionFlag = "Y"
```

```
where EcDbSchemaVersionId = 7625
```

```
go
```

```
quit
```

Part B

The database should already be patched to **7625** . The following instructions will patch it to **7629**.

Patch Level	Description
7626	NCR 41671 Rebuild primary key in DIFile with filename, directoryPath
7627	NCR 41723 Update ProcGetEDGDatapool Info
7629	NCR 41520 Replace spatial constraints with temporal in ProcGetSdsrvL1MisrBRGranule and ProcGetSdsrvL2MisrBRGranule

1. Logon to host where the .EcDIDatabase.pkg resides (`xxacgnn`).
2. Start ECS Assist Subsystem Manager. Then select the appropriate “**MODE**”, “**DPL**” and “**EcDI**”.

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3. Select **“DbPatch”** from the **“Database”** menu. A **“File Selection”** window will appear.
4. In the **“File Selection”** window, select **“.dbparms”** and then **“Ok”**.
5. The **“Configurable Database Parameters”** dialog box will appear, verify that the **“Patch”** is **“7629”**. If this is not correct, please correct and proceed entering the required information and select the **“Ok”**.
6. Exit ECS Assistant Subsystem Manager.

POST-INSTALL:

1. Staging Area Security:

```
cd <staging_area>/IRIX65/CUSTOM/dbms  
chmod -R 770 *
```